

***NATIONAL WEATHER SERVICE INSTRUCTION 30-2114
DECEMBER 17, 2003***

***Maintenance, Logistics and Facilities
Systems/Equipment maintenance, NWSPD 30-21***

CONSOLE REPLACEMENT SYSTEM (CRS) EQUIPMENT MAINTENANCE

NOTICE: This publication is available at: <http://www.nws.noaa.gov/directives/>.

OPR: OPS12 (A. Wissman)

Certified by: OPS1 (M. Paese)

Type of Issuance: Initial

SUMMARY OF REVISIONS: This instruction establishes the maintenance procedures and references technical documentation required for maintenance and modification of console replacement system (CRS) equipment (Engineering Handbook 7).

Signed

12/03/2003

John McNulty, Jr.

Date

Director, Office of Operational
Systems

CRS Equipment Maintenance

<u>Table of Contents:</u>	<u>Page</u>
1. Purpose	2
2. Procedures	2
3. Organization	2
4. Responsibilities	2
4.1 Field Office	2
4.2 Electronics Technician.	2
4.3 Regional Headquarters (RHQ)	3
4.4 National Weather Service Headquarters (WSH)	3
5. Documentation	3
5.1 Maintenance Reporting	3
5.2 Maintenance and Technical Documents	3

1. Purpose. This instruction establishes specific equipment maintenance procedures through the use of established technical documentation for CRS, Engineering Handbook 7 (EHB-7) (e.g., technical manuals, maintenance notes, modification notes).

2. Procedures. Procedures stated in National Weather Service Instruction (NWSI) 30-2101, *System Maintenance Management*, governs maintenance of equipment. NWS field personnel will maintain CRS equipment as described in this instruction. Maintenance will be accomplished, following guidance in authorized technical manuals, modification and maintenance notes as defined in EHB-7. Maintenance reporting will follow instructions contained in NWSI 30-2104, *Maintenance Data Documentation*.

3. Organization. Maintenance services for CRS equipment are focused at the local level, with augmenting capabilities at the regional and national levels.

4. Responsibilities. Organizational responsibilities are presented in a “bottoms-up” approach because of the field focus of this document.

4.1 Field Office. Field operations staff are responsible for notifying site electronics maintenance staff through the WS Form A-26 (top portion) as prescribed in NWSI 30-2104, Appendix G. Resolve concurrent outages following the policies of NWSI 30-2101, paragraph 1.3.1.b.

4.2 Electronics Technician. Site electronics staff are responsible for restoring CRS equipment to operational status, returning defective components, ordering replacement spares, and reporting on maintenance services provided. Work will be performed in conformance to priorities established by the Electronic Systems Analyst (ESA) or Meteorologist in Charge (MIC).

4.3 Regional Headquarters (RHQ). RHQ coordinates resources for the CRS equipment as needed to support non-standard (e.g., emergency) service requirements.

4.4 National Weather Service Headquarters (WSH). WSH support for these systems/equipment is distributed among several organizations within the Office of Operational Systems (OOS). The Maintenance Branch (OPS12) is responsible for generating/coordinating and providing modification and maintenance documentation and processing kits for field use; the Acquisition Branch (OPS11) is responsible for equipment modification design.

5. Documentation.

5.1 Maintenance Reporting. The field office responsible for the CRS equipment will accurately document the time and nature of equipment failures in the Engineering Management Reporting System using WS Form A-26 (top portion), following the instructions in NWSI 30-2104, *Maintenance Data Documentation*.

5.2 Maintenance and Technical Documents. Maintenance of CRS equipment will be accomplished following authorized guidance (e.g., technical manuals, modification notes, maintenance notes). Centralized web access to EHB-7 (i.e., maintenance procedures, technical documentation, modification and maintenance notes) is provided at:
<http://www.ops1.nws.noaa.gov/EHBS.HTM>.